

# **NOTIFICATION OF ADDENDUM**

## **ADDENDUM NO. 1**

**DATED 1/12/2009**

<b>Control</b>	<b>6172-46-001</b>
<b>Project</b>	<b>RMC - 617246001</b>
<b>Highway</b>	<b>IH0035E</b>
<b>County</b>	<b>DALLAS</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: RMC - 617246001

CONTROL: 6172-46-001

COUNTY: DALLAS

LETTING: 01/13/2009

REFERENCE NO: 0112

**PROPOSAL ADDENDUMS**

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\_\_\_ PROPOSAL COVER  
X BID INSERTS (SH. NO.: 2-19, 3-19, 5-19 )  
X GENERAL NOTES (SH. NO.: Sheet 4D & 4E )

\_\_\_ SPEC LIST (SH. NO.: )  
\_\_\_ SPECIAL PROVISIONS: )  
ADDED:

DELETED:

\_\_\_ SPECIAL SPECIFICATIONS:  
ADDED:

DELETED:

\_\_\_ OTHER:

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

DELETED BID ITEMS: 158-2001, 305-2001, 354-2021, 354-2024, 480-2001

BID ITEM QUANTITY CHANGES: 158-2002, 346-2014, 354-2023, 480-2002

INCREASED ENGINEERS ESTIMATE

GENERAL NOTE CHANGES: SHEET 4D - DELETED ITEM 305. SHEET 4E REMOVE &  
REPLACE UNDER ITEM 354 - 5TH PARAGRAPH. ADDED PARAGRAPHS 2, 3 & 4 UNDER  
ITEM 354.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	2001		PREPARING ROW  DOLLARS and CENTS	AC	2.000	1
	104	2010		REMOVING CONC (RIPRAP)  DOLLARS and CENTS	CY	400.000	2
	104	2022		REMOVING CONC (CURB AND GUTTER)  DOLLARS and CENTS	LF	2,700.000	3
	104	2029		REMOVING CONC (CURB OR CURB & GUT- TER)  DOLLARS and CENTS	LF	600.000	4
	105	2011		REMOVING STAB BASE AND ASPH PAV (2"- 6")  DOLLARS and CENTS	SY	19,530.000	5
	105	2014		REMOVING STAB BASE & ASPH PAV (7"-12")  DOLLARS and CENTS	SY	3,780.000	6
	110	2003		EXCAVATION (SPECIAL)  DOLLARS and CENTS	CY	2,394.000	7
	132	2001		EMBANKMENT (FINAL)(ORD COMP)(TY A)  DOLLARS and CENTS	CY	2,034.000	8
	134	2001		BACKFILL (TY A)  DOLLARS and CENTS	STA	225.000	9
	134	2002		BACKFILL (TY B)  DOLLARS and CENTS	STA	225.000	10

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	ITEM NO	DESC CODE	S.P. NO.				
	150	2002		BLADING  DOLLARS and CENTS	HR	28.000	11
	158	2002		SPEC EXCAV WORK (BACKHOE)  DOLLARS and CENTS	HR	200.000	12
	158	2003		SPEC EXCAV WORK (HYD EXCAVATOR)  DOLLARS and CENTS	HR	100.000	13
	162	2002		BLOCK SODDING  DOLLARS and CENTS	SY	2,048.000	14
	164	2008	002	BROADCAST SEED (PERM) (URBAN) (CLAY)  DOLLARS and CENTS	AC	6.000	15
	166	2001	001	FERTILIZER  DOLLARS and CENTS	AC	40.000	16
	168	2001		VEGETATIVE WATERING  DOLLARS and CENTS	MG	60.000	17
	169	2001		SOIL RETENTION BLANKETS (CL 1) (TY A)  DOLLARS and CENTS	SY	1,013.000	18
	310	2001		PRIME COAT (MC-30)  DOLLARS and CENTS	GAL	100.000	19
	340	2011		D-GR HMA(METH) TY-B PG64-22  DOLLARS and CENTS	TON	477.000	20
	340	2034		D-GR HMA(METH) TY-C PG64-22  DOLLARS and CENTS	TON	378.000	21

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	340	2050		D-GR HMA(METH) TY-C PG70-22 DOLLARS and CENTS	TON	500.000	22
	346	2014		STONE-MTRX-ASPH SMA-D SAC-A PG76-22 DOLLARS and CENTS	TON	4,000.000	23
	351	2008		FLEXIBLE PAVEMENT STRUCTURE REPAIR(12") DOLLARS and CENTS	SY	1,386.000	24
	354	2023		PLANE ASPH CONC PAV(0" TO 4") DOLLARS and CENTS	SY	88,605.000	25
	361	2001	001	FULL-DEPTH REPAIR CRCP (8") DOLLARS and CENTS	SY	440.000	26
	361	2002	001	FULL-DEPTH REPAIR CRCP (9") DOLLARS and CENTS	SY	320.000	27
	361	2003	001	FULL-DEPTH REPAIR CRCP (10") DOLLARS and CENTS	SY	200.000	28
	361	2004	001	FULL-DEPTH REPAIR CRCP (11") DOLLARS and CENTS	SY	200.000	29
	361	2005	001	FULL-DEPTH REPAIR CRCP (12") DOLLARS and CENTS	SY	320.000	30
	361	2006	001	FULL-DEPTH REPAIR CRCP (13") DOLLARS and CENTS	SY	1,800.000	31

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	ITEM NO	DESC CODE	S.P. NO.				
	361	2009	001	FULL-DEPTH REPAIR CPCD (8") DOLLARS and CENTS	SY	390.000	32
	361	2010	001	FULL-DEPTH REPAIR CPCD (9") DOLLARS and CENTS	SY	320.000	33
	361	2011	001	FULL-DEPTH REPAIR CPCD (10") DOLLARS and CENTS	SY	1,600.000	34
	361	2012	001	FULL-DEPTH REPAIR CPCD (11") DOLLARS and CENTS	SY	400.000	35
	361	2013	001	FULL-DEPTH REPAIR CPCD (12") DOLLARS and CENTS	SY	400.000	36
	361	2014	001	FULL-DEPTH REPAIR CPCD (13") DOLLARS and CENTS	SY	400.000	37
	401	2001		FLOWABLE BACKFILL DOLLARS and CENTS	CY	286.000	38
	429	2002	006	CONC STRUCT REPAIR (LESS THAN 1") DOLLARS and CENTS	SF	1,931.000	39
	429	2003	006	CONC STRUCT REPAIR (1" TO 6") DOLLARS and CENTS	SF	2,903.000	40
	429	2004	006	CONC STRUCT REPAIR (OVER 6") DOLLARS and CENTS	SF	5,843.000	41
	430	2055		CL S CONC FOR EXT STR (APPR SLAB) DOLLARS and CENTS	CY	200.000	42

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	ITEM NO	DESC CODE	S.P. NO.				
	432	2002		RIPRAP (CONC)(5 IN)  DOLLARS CENTS and	CY	158.000	43
	432	2066		RIPRAP (CONC)(CL B)  DOLLARS CENTS and	CY	400.000	44
	438	2002		CLEAN AND SEAL EXIST JOINTS  DOLLARS CENTS and	LF	52,800.000	45
	438	2006		CLEAN AND SEAL CRACKS  DOLLARS CENTS and	LF	3,000.000	46
	480	2002		CLEAN EXIST CULVS  DOLLARS CENTS and	CY	12,200.000	47
	500	2001	005	MOBILIZATION  DOLLARS CENTS and	LS	1.000	48
	502	2056	041	OFF-DUTY UNIFORM POLICE OFFICER  DOLLARS CENTS and	HR	1,000.000	49
	529	2001		CONC CURB (TY I)  DOLLARS CENTS and	LF	370.000	50
	529	2002		CONC CURB (TY II)  DOLLARS CENTS and	LF	370.000	51
	529	2004		CONC CURB & GUTTER (TY II)  DOLLARS CENTS and	LF	3,300.000	52
	540	2001	002	MTL W-BEAM GD FEN (TIM POST)  DOLLARS CENTS and	LF	5,360.000	53

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	ITEM NO	DESC CODE	S.P. NO.				
	540	2002	002	MTL W-BEAM GD FEN (STEEL POST) DOLLARS and CENTS	LF	10.000	54
	540	2005	002	TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	124.000	55
	540	2007	002	MTL W-BEAM GD FEN ADJUSTMENT DOLLARS and CENTS	LF	8,190.000	56
	540	2011	002	MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	49.000	57
	540	2012	002	MTL BEAM GD FEN TRANS (TL2) DOLLARS and CENTS	EA	1.000	58
	540	2015	002	MTL W-BEAM GD FEN(TIM POST)RADIUS RAIL DOLLARS and CENTS	LF	1,490.000	59
	540	2016	002	MTL BM GD FN TRANS(THRIE)(RND TIM POST) DOLLARS and CENTS	EA	7.000	60
	540	2019	002	MTL BEAM GD FEN TRANS (THRIE)(STL POST) DOLLARS and CENTS	EA	7.000	61
	540	2022	002	MTL W-BEAM GD FEN(STL POST)RADIUS RAIL DOLLARS and CENTS	LF	50.000	62



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	ITEM NO	DESC CODE	S.P. NO.				
	542	2001		REMOVING METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	17,563.000	63
	542	2002		REMOVING TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	64.000	64
	542	2003		RM MTL BM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	1.000	65
	544	2001	001	GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	46.000	66
	544	2004	001	GDRAIL END TRT(INST)(WOOD POST)(TY I) DOLLARS and CENTS	EA	27.000	67
	544	2006	001	GDRAIL END TRT(INST)(WOOD POST)(TY III) DOLLARS and CENTS	EA	140.000	68
	544	2010	001	GDRAIL END TRT(REMOV)(WOOD POST)(TY I) DOLLARS and CENTS	EA	2.000	69
	545	2001		CRASH CUSH ATTEN (INSTL) DOLLARS and CENTS	EA	2.000	70
	550	2001		CHAIN LINK FENCE (INSTALL) (6') DOLLARS and CENTS	LF	6,635.000	71
	550	2002		CHAIN LINK FENCE (REPAIR) (6') DOLLARS and CENTS	LF	20,350.000	72

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	ITEM NO	DESC CODE	S.P. NO.				
	550	2003		CHAIN LINK FENCE (REMOVE) DOLLARS and CENTS	LF	7,390.000	73
	550	2004		GATE (INSTALL) (DOUBLE) (6' X 14') DOLLARS and CENTS	EA	8.000	74
	550	2005		GATE (REPAIR) (DOUBLE) (6' X 14') DOLLARS and CENTS	EA	10.000	75
	550	2009		CHAIN LINK FENCE (INSTALL)(4') DOLLARS and CENTS	LF	200.000	76
	550	2012		CHAIN LINK FENCE (REPAIR) (4') DOLLARS and CENTS	LF	2,000.000	77
	662	2113	001	WK ZN PAV MRK SHT TERM (TAB) TY W DOLLARS and CENTS	EA	750.000	78
	662	2114	001	WK ZN PAV MRK SHT TERM (TAB) TY Y DOLLARS and CENTS	EA	750.000	79
	700	2001		POTHOLE REPAIR (STANDARD) DOLLARS and CENTS	SY	26,275.000	80
	700	2005		POTHOLE REPAIR (SAW-CUT) DOLLARS and CENTS	SY	14,225.000	81
	700	2009		EMERGENCY MOBILIZATION DOLLARS and CENTS	EA	32.000	82
	712	2005		JT/CRCK SEAL (RUBBER-ASPHALT) DOLLARS and CENTS	LMI	249.000	83

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	ITEM NO	DESC CODE	S.P. NO.				
	712	2011		JT/CRCK ROUT/SEAL (RUBBER-ASPHALT) DOLLARS and CENTS	LMI	4.000	84
	730	2002	003	FULL-WIDTH MOWING DOLLARS and CENTS	AC	19,987.000	85
	730	2003	003	SPOT MOWING DOLLARS and CENTS	AC	204.000	86
	735	2002		DEBRIS REMOVAL (CNTR MEDIANS/MAIN- LANES) DOLLARS and CENTS	MI	38,657.800	87
	735	2004		DEBRIS REMOVAL (FRONTAGE ROADS) DOLLARS and CENTS	MI	4,094.000	88
	735	2006		DEBRIS REMOVAL (ENTRANCE/EXIT RAMPS) DOLLARS and CENTS	MI	8,126.000	89
	735	2007		DEBRIS REMOVAL (SPOT DEBRIS) DOLLARS and CENTS	MI	1,225.000	90
	738	2002		CLEANING/SWEEPING (CENTER MEDIAN) DOLLARS and CENTS	MI	3,862.000	91
	738	2004		CLEANING/SWEEPING (OUTSIDE MAIN LANE) DOLLARS and CENTS	MI	4,174.000	92
	738	2006		CLEANING/SWEEPING (FRONTAGE ROAD) DOLLARS and CENTS	MI	2,417.000	93

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	738	2008		CLEANING/SWEEPING (ENTRANCE/EXIT RAMP)  DOLLARS and CENTS	MI	2,810.400	94
	738	2009		CLEANING/SWEEPING (AGGREGATE REMOVAL)  DOLLARS and CENTS	MI	1,142.000	95
	738	2010		CLEANING/SWEEPING (SPOT)  DOLLARS and CENTS	MI	484.000	96
	738	2011		CLEANING/SWEEPING (HANDWORK)  DOLLARS and CENTS	SY	31,885.000	97
	740	2001	001	GRAFFITI REMOVAL (BLAST CLEANING)  DOLLARS and CENTS	SF	1,850.000	98
	740	2002	001	GRAFFITI REMOVAL (PAINTING)  DOLLARS and CENTS	SF	1,885.000	99
	740	2003	001	GRAFFITI REMOVAL (CHEMICAL CLEAN- ING)  DOLLARS and CENTS	SF	918.000	100
	740	2004	001	ANTI-GRAFFITI COATING (SACRIFICIAL)  DOLLARS and CENTS	SF	550.000	101
	740	2005	001	ANTI-GRAFFITI COATING (PERMANENT)  DOLLARS and CENTS	SF	918.000	102
	752	2020		TREE TRIMMING/BRUSH REMOVAL  DOLLARS and CENTS	MI	121.000	103

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	ITEM NO	DESC CODE	S.P. NO.				
	752	2021		TREE TRIMMING/BRUSH REMOVAL(CHAN- NELS)  DOLLARS CENTS and	AC	99.000	104
	752	2022		TREE REMOVAL (4"-12" DIA)  DOLLARS CENTS and	EA	677.000	105
	752	2023		TREE REMOVAL (12"-18" DIA)  DOLLARS CENTS and	EA	134.000	106
	752	2024		TREE REMOVAL (18"-24" DIA)  DOLLARS CENTS and	EA	17.000	107
	752	2025		TREE REMOVAL (24"-30" DIA)  DOLLARS CENTS and	EA	2.000	108
	752	2026		TREE REMOVAL (30"-36" DIA)  DOLLARS CENTS and	EA	1.000	109
	752	2027		TREE REMOVAL (36"-42" DIA)  DOLLARS CENTS and	EA	1.000	110
	752	2045	007	STUMP REMOVAL  DOLLARS CENTS and	EA	28.000	111
	760	2001		DITCH CLEANING AND RESHAPING (FOOT)  DOLLARS CENTS and	LF	62,252.000	112
	764	2001		DRAIN INLET CLEANING  DOLLARS CENTS and	EA	2,792.000	113

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	ITEM NO	DESC CODE	S.P. NO.				
	764	2004		DOWNSPOUT CLEANING DOLLARS and CENTS	EA	569.000	114
	764	2006		STORM SEWER CLEANING(PPIPE)(12"-18" DIA) DOLLARS and CENTS	LF	13,955.000	115
	764	2007		STORM SEWER CLEANING(PPIPE)(19"-24" DIA) DOLLARS and CENTS	LF	14,206.000	116
	764	2008		STORM SEWER CLEANING(PPIPE)(25"-30" DIA) DOLLARS and CENTS	LF	1,535.000	117
	764	2009		STORM SEWER CLEANING(PPIPE)(31"-36" DIA) DOLLARS and CENTS	LF	2,464.000	118
	764	2010		STORM SEWER CLEANING(PPIPE)(37"-42" DIA) DOLLARS and CENTS	LF	300.000	119
	764	2011		STORM SEWER CLEANING(PPIPE)(43"-54" DIA) DOLLARS and CENTS	LF	300.000	120
	764	2020		SLOTTED DRAIN CLEANING DOLLARS and CENTS	LF	5,930.000	121
	770	2001	011	REPAIR RAIL ELEMENT (W-BEAM) DOLLARS and CENTS	LF	118,625.000	122
	770	2002	011	REPAIR RAIL ELEMENT (THRIE-BEAM) DOLLARS and CENTS	LF	771.000	123

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	ITEM NO	DESC CODE	S.P. NO.				
	770	2003	011	REP RAIL ELMNT(THRIE-BM TRANS TO W-BM)  DOLLARS and CENTS	LF	60.000	124
	770	2006	011	REALIGN POSTS  DOLLARS and CENTS	EA	7,348.000	125
	770	2007	011	REPAIR OF TERMINAL ANCHORS POSTS  DOLLARS and CENTS	EA	97.000	126
	770	2008	011	REPLACE TERMINAL ANCHOR POSTS  DOLLARS and CENTS	EA	123.000	127
	770	2009	011	REMOVE GDRAIL END TRT/ REPL WITH SGT  DOLLARS and CENTS	EA	28.000	128
	770	2010	011	REPL SINGLE GDRAIL TERM IMPACT HEAD  DOLLARS and CENTS	EA	184.000	129
	770	2011	011	REPLACE SINGLE GDRAIL TERMINAL RAIL  DOLLARS and CENTS	LF	16,797.000	130
	770	2012	011	REPLACE SINGLE GDRAIL TERMINAL POST  DOLLARS and CENTS	EA	1,751.000	131
	770	2014	011	REPAIR STEEL POST WITH BASE PLATE  DOLLARS and CENTS	EA	503.000	132
	770	2018	011	REM/REPL TIMBER POST W/O CONC FND  DOLLARS and CENTS	EA	3,283.000	133

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	ITEM NO	DESC CODE	S.P. NO.				
	770	2019	011	REM/REPL STEEL POST W/O CONC FND DOLLARS and CENTS	EA	503.000	134
	770	2020	011	REM/REPL TIMBER POST W/CONC FND DOLLARS and CENTS	EA	154.000	135
	770	2021	011	REM/REPL STEEL POST W/CONC FND DOLLARS and CENTS	EA	274.000	136
	770	2022	011	REM & RESET SGT IMPACT HEAD DOLLARS and CENTS	EA	304.000	137
	770	2023	011	REPLACE SGT OBJECT MARKER DOLLARS and CENTS	EA	160.000	138
	770	2024	011	REPLACE SGT CABLE ANCHOR DOLLARS and CENTS	EA	228.000	139
	770	2025	011	REPLACE SGT CABLE ASSEMBLY DOLLARS and CENTS	EA	182.000	140
	770	2026	011	REPLACE SGT STRUT DOLLARS and CENTS	EA	91.000	141
	770	2027	011	REMOVE & REPLACE BLOCKOUT DOLLARS and CENTS	EA	200.000	142
	772	2001		POST AND CABLE FENCE(REMOVAL) DOLLARS and CENTS	LF	3,740.000	143



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	ITEM NO	DESC CODE	S.P. NO.				
	772	2002		POST AND CABLE FENCE(REMV CONC ANCHOR)  DOLLARS and CENTS	EA	81.000	144
	772	2003		POST AND CABLE FENCE(NEW INSTALLA- TION)  DOLLARS and CENTS	LF	8,760.000	145
	772	2004		POST AND CABLE FENCE(NEW CONC ANCHOR)  DOLLARS and CENTS	EA	108.000	146
	772	2005		POST AND CABLE FENCE(REMV/REPL POSTS)  DOLLARS and CENTS	EA	468.000	147
	772	2006		POST AND CABLE FENCE(RMV/REPL CNC ANCH)  DOLLARS and CENTS	EA	62.000	148
	772	2007		POST AND CABLE FENCE(REMV/REPL CABLE)  DOLLARS and CENTS	LF	12,550.000	149
	774	2001		REMOVE AND REPLACE (TRACC)  DOLLARS and CENTS	EA	7.000	150
	774	2002		REMOVE AND REPLACE (WIDE TRACC)  DOLLARS and CENTS	EA	11.000	151
	774	2003		REMOVE AND REPLACE (NARROW REACT 350)  DOLLARS and CENTS	EA	4.000	152

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	ITEM NO	DESC CODE	S.P. NO.				
	774	2004		REMOVE AND REPLACE (WIDE REACT 350) DOLLARS and CENTS	EA	9.000	153
	774	2005		RMV/REPL(VIA-SAND FILL PLASTIC BAR- RELS) DOLLARS and CENTS	EA	180.000	154
	774	2006		REPAIR (TRACC) DOLLARS and CENTS	EA	14.000	155
	774	2007		REPAIR (TRACC) DOLLARS and CENTS	LF	196.000	156
	774	2009		REPAIR (WIDE TRACC) DOLLARS and CENTS	LF	233.000	157
	774	2010		REPAIR (REACT) DOLLARS and CENTS	EA	1.000	158
	774	2011		REPAIR (CATCB-FRNT SECT) DOLLARS and CENTS	EA	3.000	159
	774	2012		REPAIR (CATCB-REAR SECT) DOLLARS and CENTS	EA	3.000	160
	774	2014		REMOVE AND REPLACE (NARROW QUAD) DOLLARS and CENTS	EA	2.000	161
	774	2015		REPAIR (NARROW QUAD) DOLLARS and CENTS	EA	2.000	162

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	ITEM NO	DESC CODE	S.P. NO.				
	774	2027		REPAIR REACT(N)(CYLINDERS) DOLLARS and CENTS	EA	11.000	163
	774	2028		REPAIR (QUAD)(N)(BAY) DOLLARS and CENTS	EA	102.000	164
	774	2029		REPAIR (QUAD)(W)(BAY) DOLLARS and CENTS	EA	163.000	165
	774	2037		REPAIR REACT (W)(CYLINDERS) DOLLARS and CENTS	EA	40.000	166
	774	2038		REMOVE AND REPLACE (FASTRACC) DOLLARS and CENTS	EA	52.000	167
	774	2039		REPAIR (QUAD-ELITE) NARROW (BAY) DOLLARS and CENTS	EA	35.000	168
	774	2040		REPAIR (QUAD-ELITE) WIDE (BAY) DOLLARS and CENTS	EA	40.000	169
	774	2041		REMOVE/REPLACE (QUAD-ELITE) NARROW DOLLARS and CENTS	EA	10.000	170
	774	2042		REMOVE/REPLACE (QUAD-ELITE) WIDE DOLLARS and CENTS	EA	8.000	171
	7026	2001		BASAL BARK HERBICIDE TREATMENT DOLLARS and CENTS	AC	10.000	172

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	ITEM NO	DESC CODE	S.P. NO.				
	7039	2001		BROADCAST HERBICIDE VEGETATION CON- TROL  DOLLARS CENTS and	AC	4,554.000	173
	7126	2006		REML & DISPL DRIFTWOOD & DEBRIS DOLLARS CENTS and	CY	500.000	174
	7173	2001		CLEANING GUARDRAIL DOLLARS CENTS and	LF	60,212.000	175
	7173	2002		CLEANING ATTENUATOR DOLLARS CENTS and	LF	4,150.000	176
	7173	2003		CLEANING DRAINAGE FLUME DOLLARS CENTS and	LF	26,700.000	177
	7185	2001		BRDCST HRB APPL VEG CNTL(PVMT EDGE&STR) DOLLARS CENTS and	MI	230.000	178
	7224	2002		REPLACE POSTS (TL-4) DOLLARS CENTS and	EA	300.000	179
	7224	2004		CABLE SPLICE / TURNBUCKLE (TL-4) DOLLARS CENTS and	EA	30.000	180
	7224	2006		REPAIR CONCRETE FOUNDATION (TL-4) DOLLARS CENTS and	EA	10.000	181
	7224	2008		REPR OR REPLC CABLE BARR TERM SEC(TL- 4) DOLLARS CENTS and	EA	15.000	182

PROJECT RMC - 617246001  
COUNTY DALLAS

PROPOSAL SHEET  
TxDOT  
FORM 234-B I-61-5M

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	7224	2010		REPLACE CABLE (TL-4)  DOLLARS and CENTS	LF	2,400.000	183
	7418	2001		REM,REPL&INST C/O/A H/LIGHT- BARR.FENCE  DOLLARS and CENTS	LF	2,000.000	184

**County:** Dallas

**Control:** 6172-46-001

**Highway:** IH0035E

**GENERAL NOTES:**

**General:**

This project consists of performing "General Routine Maintenance" on various roadways in West Dallas County:

Coordinate work through:

Gary D. Charlton, P.E.  
4777 E. Hwy 80  
Mesquite, Texas 75150  
214-320-6208

Attention is directed to the possible presence of underground utilities owned by the Texas Department of Transportation (irrigation, signal, illumination and surveillance, communication, and control) on the right of way on this project. Call for locates at the TxDOT utility section 214-320-6682, 214-320-4495, 214-320-6205, and 1-800-DIG-TESS (1-800-344-8377) 48 hr. in advance of excavation.

If overhead or underground power lines need to be de-energized, contact the electrical service provider to perform this work. Cost associated with de-energizing the power lines or other protective measures required are at no expense to the Department.

If working near power lines, comply with the appropriate sections of Texas State Law and Federal Regulations relating to the type of work involved.

No office sites, stockpile sites, employee parking, or storage of any equipment and materials will be allowed on Department right of way. Secure separate sites off Department right of way for the above activities.

All work on traveled roadway surfaces will be generally performed at night.

Any work requiring lane closure on a controlled access facility will be done between 9 P.M. to 6 A.M.

**Item 2 - Instruction to Bidders:**

This project includes plan sheets that are not part of the bid proposal.

Order plans from Reproduction Companies and Online Plan Room Services for Plans & Informational Proposals at:

[http://www.dot.state.tx.us/services/general\\_services/repro\\_companies.htm](http://www.dot.state.tx.us/services/general_services/repro_companies.htm)

View or download plans at:

<http://www.dot.state.tx.us/business/plansonline/plansonline.htm>

**Item 8 – Prosecution and Progress:**

Working days will be charged in accordance with Section 8.3.A.5, “Calendar Day”.

The Lane Closure Assessment Fee is shown on the following table. The fee applies to the Contractor for closures or obstructions that overlap into restricted hour traffic for each hour or portion thereof, per lane, regardless of the length of the lane closure or obstruction. For Restricted Hours subject to Lane Assessment Fee, refer to Item 502 “Barricades, Signs, and Traffic Handling”.

**Table 1**  
**Lane Closure Assessment Fee Table**

<b>Roadway</b>	<b>Amount Per Lane Per Hour</b>
FM 1382	\$500
IH 20	\$3,500
IH 30	\$3000
IH 35E	\$4,000
IH 635	\$4,500
LP 12	\$2,000
LP 354	\$500
SH 114	\$2,000
SH 161	\$1,000

SH 180	\$400
SH 183	\$3,500
SH 190	\$500
SH 342	\$400
SH 356	\$500
SP 303	\$400
SP 348	\$500
SP 408	\$2,000
SP 482	\$1,000
US 67	\$1,500

**Item 134 – Backfilling Pavement Edges:**

Start backfilling pavement edges as soon as possible after the surface source is started.

Furnish Backfill material Type A or B as directed.

Type A backfill will be a granular material that is free from vegetation or other objectionable material and meets the requirements of Table 1.

**Table 2**  
**Testing Requirements**

<b>Property</b>	<b>Test Method</b>	<b>Specification Limit</b>
Liquid limit	Tex-104-E	$\leq 45$
Plasticity index (PI)	Tex-106-E	$\leq 15$
Bar linear shrinkage	Tex-107-E	$\geq 2$

The Linear Shrinkage test only needs to be performed as indicated in Tex-104-E.



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Backfill and compact the pavement edges to produce a smooth surface adjacent to the pavement with no vertical edges.

**Item 310 – Prime Coat:**

Do not use MC-30 on base courses placed between April 16 and September 15.

**Item 340 – Dense-Graded Hot-Mix Asphalt (Method):**

Contractor required to restore pavement crown, the surface course will be D-GR HMA Type C. Overlay will be placed at locations covering both lanes. The minimum approved overlay depth will be 2-1/2 in.

Asphalt edges will be beveled to eliminate pavement drop offs.

Performance Grade binders will be 70-22 for surface material as directed.

An approved anti-stripping agent will be required.

All mixing, placing, and compacting will be completed during night time hours only. Unless otherwise approved, dumping of the asphalt mixture in a windrow and then placing the mixture in the finishing machine will not be permitted.

Storing the completed mix on the ground will not be permitted at the mixing plant of the job site. Any mix that comes in contact with the earth or other objectionable foreign matter will be rejected.

**Item 346 – Stone-Matrix Asphalt:**

Place hot mix asphalt when the roadway surface temperature is equal to or higher than the temperatures listed in Table 4 unless otherwise approved. Measure the roadway surface temperature with a handheld infrared thermometer. The Engineer may allow mixture placement to begin prior to the roadway surface reaching the required temperature requirements if conditions are such that the roadway surface will reach the required temperature within 2 hrs. of beginning placement operations. Unless otherwise shown on the plans, place mixtures only when weather conditions and moisture conditions of the roadway surface are suitable as directed.

**County:** Dallas

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**Item 351 – Flexible Pavement Structure Repair:**

Base Courses will be Type B PG 64-22.

Maximum lift thickness for base repair will not exceed 4 in.

Department may provide preapproved mix design upon Contractor's request. If preapproved list is not available submit mix design for approval.

**Item 354 – Planning and Texturing Pavement:**

Unless otherwise directed, Department will retain ownership of all removed milled material which will be stockpiled in Dallas County as directed.

36,323 sy will be performed on IH635 -East and West Bound from Emerald to Luna - frontage roads and ramps.

7,282 sy will be performed on IH35E - North and South Bound from Sandy Lake/Whitlock to Capital Parkway - frontage roads and ramps.

45,000 sy will be performed on SP408 - North and South Bound from Kiest Blvd. to LP12 - main lanes only and IH20 – East and West Bound from Carrier Parkway to Tarrant County Line – main lanes only.

**Item 361 – Full-Depth Repair of Concrete Pavement:**

Once work begins, it will be continuously prosecuted on a nightly basis to completion in the allotted lane closure time.

Remove and replace loose sub-base material with concrete.

Class HES will meet a minimum compressive strength requirement of 1,800 psi within the time frame allowed for lane closure and opening to traffic.

Furnish mix designs.

For joint pavement, provide dowel support assemblies in concrete pavement constructed of No. 1/0 (0.306 in. diameter) wire in the main vertical members. Rigidly support the dowels in parallel positions and weld them on one end to the support frame. Provide weld attachments alternately on opposite ends of successive dowels. The support assembly is subject to approval.

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Provide grooved joints at 10 ft. intervals and 3/4 in. expansion joint material for doweled curb at the same locations as on the existing pavement.

For joint pavement, provide tiebars in longitudinal joints but do not place them within 15 in. of transverse joints.

The use of ready mix concrete will be permitted.

For full depth repair, the amount of pavement removed will be only that amount which can be replaced during the daily allowable work schedule.

Tine texturing will be required unless otherwise directed.

Prior to the installation of tiebars, the hole will be thoroughly cleaned of all loose materials and blown clean with compressed air. An injection nozzle will be used to apply the epoxy the full length of the embedment depth to minimize all voids within the hole.

Provide chairs for multiple piece tiebars, threaded connectors or other adequate devices, used in concrete paving, or tie them to the pavement reinforcing steel. Instead of multiple piece tiebars, drill holes into the pavement and grout straight tiebars in place with epoxy. Contractor will not be allowed to use impact drills for drilling holes for tiebars. A rotary, core type, bit is required to prevent damage to pavement that will remain in place. Do not bend the tiebars or insert them into plastic concrete without the approval of the Engineer.

**Item 429 – Concrete Structure Repair:**

This item includes, but is not limited to the repair of damaged inlets, concrete curbs and gutters, bridge wingwalls, bridge columns, bridge caps, sound barriers, head walls and coping by removing and replacing damaged concrete and steel.

**Item 430 – Extending Concrete Structures:**

Provide bridge slab reinforcing steel with epoxy coating complying with Item 440 requirements.

R-bars (I and U-beams), Z-bars (boxes), H-bars (Slab beams), and C-bars (DT beams) are not required to be epoxy coated.

**Item 502 – Barricades, Signs, and Traffic Handling:**

**County:** Dallas**Control:** 6172-46-001**Highway:** IH0035E

Provide traffic control in compliance with the latest edition of the “Texas Manual on Uniform Traffic Control Devices” (TMUTCD), the “Traffic Control Standard Sheets” (TCSS), and as directed.

Provide proposed lane closure information to the Engineer by 1 P.M. on the day prior to the proposed closures. Furnish information for Monday closures or closures following a national or state holiday on the last office workday prior to the closures. Do not close lanes if the above reporting requirements have not been met.

Do not reduce the existing number of lanes open to traffic except as shown on the following time schedule:

**Table 3**  
**One/Two or More Lane Closures**

<b>Day</b>	<b>Daytime Closure Hours</b>	<b>Nighttime Closure Hours</b>	<b>Restricted Hours Subject to Lane Assessment Fee</b>
Monday Through Friday	Emergency only	9 P.M. to 6 A.M.	6 A.M. to 9 P.M.

The above times are approved for the traffic control conditions listed. The Department may approve other closure times if traffic conditions are warranted. The Department may reduce the above times for special events.

Erect barricades and signs in locations not obstructing the traveling public’s view of the normal roadway signing or necessary sight distance.

Maximum length of lane closure will be 2 mi.

Traffic Control Plans with Lane Closures causing backups of 20 minutes or greater in duration will be modified by the Engineer.

Equipment and materials will not be left within 30 ft. of the travel lane during non-working hours.

Shadow vehicles equipped with a Department approved Truck Mounted Attenuator (TMA) will be required as shown on Traffic Control Plan (TCP) standards (1-series) and (2-series).

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Portable Changeable Message Signs (PCMS) will be furnished by the Department, as directed.

As directed, submit a work plan before work commences, showing proposed traffic control measures, a schedule of work and other details, 3 days prior to the work. Exceptions will be made only for emergency work.

Cover work zone signs when work related to the signs is not in progress, or when any hazard related to the signs no longer exist.

**Item 529 – Concrete Curb, Gutter, and Combined Curb and Gutter:**

Payment will be for the removal of the existing damaged curb, installation of the doweled curb, repair to all damaged areas 3 ft. behind the curb and all other incidentals necessary to complete the work. The damaged areas up to 1 ft. behind the curb will be repaired with similar materials.

Provide grooved joints at 10 ft. intervals and 3/4 in. expansion joint material for curb at the same locations as on the existing pavement joints.

Curb and Gutter transitions will be paid for by the foot at the unit price for the corresponding curb or curb and gutter section.

Saw joints at the same location as on the existing pavement.

**Item 540 – Metal Beam Guard Fence:**

This bid item is to be used at locations where metal beam guard fence did not previously exist.

New metal beam guard fence at repaired or replaced locations will be paid for under Item 770 “Guard Fence Repair”.

**Item 542 – Removing Metal Beam Guard Fence:**

This bid item is to be used at locations where the metal beam guard fence is removed but not replaced as directed.

Removal of metal beam guard fence to be repaired or replaced will be paid for under Item 770 “Guard Fence Repair”.

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**Item 544 – Guardrail End Treatments:**

This bid item is to be used at locations where guardrail end treatments did not previously exist.

New guardrail end treatments at repaired or replaced locations will be paid for under Item 770 “Guard Fence Repair”.

**Item 550 – Chain Link Fence:**

Begin physical repair within 72 hr. of each notification.

Salvaged or reused material will be determined by the Department. All other damaged or otherwise unsuitable material will become the property of the contractor.

Dispose of debris and unsalvageable components in accordance with federal, state, and local regulations.

It is the Contractor’s responsibility to investigate existing site conditions and to determine the appropriate equipment to be used in excavating post foundation.

**Item 700 – Pothole Repair:**

Furnish all materials.

**Item 712 – Cleaning and Sealing Joints and Cracks (Asphalt Concrete):**

Working days will be based on a production rate of 5 lane miles per day.

The limits of work will be as shown on the Location Sheet for Item 712 in the plans and as directed.

Protect raised pavement markers from damage.

Dispose of solvents or other materials in accordance with federal, state, and local regulations.

Liquidated damages will be assessed when the number of working days specified in the work order letter is exceeded. The dollar amount specified in Special Provision “Schedule of Liquidated Damages” (000-1002) will be deducted for each working day that the work remains incomplete.

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**Item 730 – Roadside Mowing:**

Mowing will be completed in increments known as a cycle. A cycle is defined as a group of mowing tracts or areas that must be completed one time within the time period specified herein.

The limits for each roadway will be as shown on the Location Sheets for Item 730 in the plans.

**All equipment will be pressure washed prior to beginning work and before leaving the job site.**

Written notification will be issued to begin each mowing cycle.

Written notification will contain the number of acres required for mowing cycle, number of working days to complete the work, and date that time charges will commence. Number of working days will be determined based upon the minimum amount of mowing required per working day. A fraction of a day will be rounded up to the next whole number.

Notify the Engineer at least 24 hr. before beginning any work.

Time charges will be suspended between mowing cycles.

Required minimum acres per working day will be 250 acres for Item 730, "Roadside Mowing". This production rate is used to determine the completion time for each cycle and will be used to adjust the allowable completion time period should mowing areas be added or removed for a cycle.

Liquidated damages will be assessed when the number of working days specified in the work order letter is exceeded. The dollar amount specified in Special Provision "Schedule of Liquidated Damages" (000-1002) will be deducted for each working day that the work remains incomplete.

Mud that is tracked or dragged onto the roadway by mowers will be removed immediately.

Provide a Department approved Truck Mounted Attenuator (TMA) behind all equipment overhanging roadway travel lanes.

Trailer all slow moving vehicles (designed to operate 25 mph or less) crossing freeway main lanes.

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Remove and replace guardrail, posts, bolts, nuts, etc., in those areas where entry cannot be made in any other way.

Only motorized hand-trimming equipment will be permitted.

All vegetation (except landscape plantings) in the right of way, to include wet areas, ditches, guardrail, etc., will be cut by either mowing or hand-trimming to the specified height.

**Item 735 – Debris Removal:**

Perform work Sunday through Thursday 9 P.M. through 6 A.M. or as directed except for Spot Debris Removal.

Spot Debris Removal will be performed 7 days a week 24 hr. a day.

Begin Spot Removal within 1 hr. of each verbal notification.

Debris Removal will be an additional 10 ft. adjacent to the pavement.

The types, limits, and frequencies of each cycle will be as shown on Location Sheets for Item 735 in the plans.

Conceal dead animals from view of the traveling public during transport.

The Department reserves the right to revise the debris schedule as it deems necessary.

**Item 738 – Cleaning and Sweeping Highways:**

Perform work Sunday through Thursday 9 P.M. through 6 A.M. or as directed.

The types, limits and frequencies of each cycle will be as shown on Location Sheets for Item 738 in the plans.

The Department reserves the right to revise the sweeping and cleaning schedule as it deems necessary.

In order to prevent debris from clogging inlets, use regenerative (vacuum) sweepers with gutter brooms attached instead of mechanical type sweepers when sweeping structures and direct connectors.



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Aggregate Removal will be performed on various roadways following adverse weather as directed.

Begin Aggregate Removal within 24 hr. of each verbal notification.

If a roadway is scheduled for sweeping and an Aggregate Removal is required, this work will be paid in addition to the scheduled sweeping.

If a roadway is not scheduled for sweeping and an Aggregate Removal is required, only Aggregate Removal will be paid.

Spot Sweeping is required as directed. Respond within 2 hr. of each verbal notification.

Handwork is required as directed. Begin handwork within 24 hr. of each verbal notification.

**Item 740 - Graffiti Removal and Anti-Graffiti Coating:**

Begin graffiti removal within 4 hr. of each verbal notification unless otherwise directed.

No graffiti on face of sign will be removed.

**Remove graffiti from the back of signs on overhead sign structures and ground mounted signs.**

**Item 752 – Tree and Brush Removal:**

The limits of work will be as shown on Location Sheets for Item 752 in the plans and as directed.

Written notification will be issued to begin tree and brush removal.

Working days will be based on a production rate of 1 lane mile per day.

Liquidated damages will be assessed when the number of working days specified in the work order letter is exceeded. The dollar amount specified in Special Provision “Schedule of Liquidated Damages” (000-1002) will be deducted for each working day that the work remains incomplete.

Department will mark the trees to be removed with fluorescent orange paint.

Do not use a telescopic side boom rotary mower.

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Tree Removal – Cut all trees as close to the ground as possible but no higher than 6 in. above the ground level until the stump can be removed according to the plans.

All stumps will be removed before proceeding to a new location.

Do not use any chemical agents to aid in the deterioration or removal of the stump.

Do not prune the canopy to less than half of the overall height of the tree.

Trees blocking signs will be trimmed as directed.

Burning of brush will not be permitted. Cleanup will be continuously and concurrently with pruning, trimming, and removal operations.

Unless otherwise approved, all trees, limbs, and brush that are cut in 1 day will be picked up and moved off the right of way the same day.

All driveways, walkways, paths, right of way, and roadways will be left clean at the end of each workday.

Avoid pruning oak trees between March 15 and the end of June to limit the potential spread of Oak Wilt disease.

**Item 760 – Cleaning and Reshaping Ditches:**

The Contractor will not be called out until at least 3 continuous days of work is required.

Proceed continuously to completion with all work on each call out.

**Item 764 – Pump Station and Drainage System Cleaning:**

The limits of work will be as shown on Location Sheet for Item 764 in the plans and as directed.

Begin physical work within 24 hr. of each verbal notification.

Remove and replace grates. This work may include welding, bolting, and unbolting and is incidental to Item 764.

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**Item 770 – Guard Fence Repair:**

Begin physical work within 48 hr. of each verbal notification.

**Item 772 – Post and Cable Fence:**

Begin physical work within 72 hr. of each notification.

**Item 774 – Attenuator Repair:**

Begin physical work within 48 hr. of each verbal notification.

**Item 7026 - Basal Bark Herbicide Treatment:**

Herbicide will be completed in increments known as a cycle. A cycle is defined as a group of herbicide tracts or areas that must be completed one time within the time period specified herein.

The limits for each roadway will be as shown on Location Sheet for Item 7026 in the plans.

Written notification will be issued to begin each herbicide cycle.

Written notification will contain the number of acres required for herbicide cycle, number of working days to complete the work, and date that time charges will commence. Number of working days will be determined based upon the minimum amount of herbicide required per working day. A fraction of a day will be rounded up to the next whole number.

Notify the Engineer at least 24 hr. before beginning any work.

Time charges will be suspended between herbicide cycles.

Required minimum acres per working day will be 5 acres for Item 7026, “Basal Bark Herbicide Treatment” herbicide. This production rate is used to determine the completion time for each cycle and will be used to adjust the allowable completion time period should herbicide areas be added to or removed from the cycle.

Liquidated damages will be assessed when the number of working days specified in the work order letter is exceeded. The dollar amount specified in Special Provision “Schedule of

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Liquidated Damages” (000-1002) will be deducted for each working day that the work remains incomplete.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Herbicide Application Record will be supplied by the Department.

Pick up Department furnished materials at the TxDOT Office located at 505 South IH45, Hutchins, Texas, 75141. Contact the above listed office 24 hr. in advance of picking up materials.

**Item 7039 - Broadcast Herbicide for Vegetation Control:**

Herbicide will be completed in increments known as a cycle. A cycle is defined as a group of herbicide tracts or areas that must be completed one time within the time period specified herein.

The limits for each roadway will be as shown on Location Sheets for Item 7039 in the plans.

**All equipment will be pressure washed prior to beginning work and before leaving the job site.**

Written notification will be issued to begin each herbicide cycle.

Written notification will contain the number of acres required for herbicide cycle, number of working days to complete the work, and date that time charges will commence. Number of working days will be determined based upon the minimum amount of herbicide required per working day. A fraction of a day will be rounded up to the next whole number.

Notify the Engineer at least 24 hr. before beginning any work.

Time charges will be suspended between herbicide cycles.

Required minimum acres per working day will be 180 acres for Item 7039, “Broadcast Herbicide for Vegetation Control” herbicide. This production rate was used to determine the completion time for each cycle and will be used to adjust the allowable completion time period should herbicide areas be added to or removed from the cycle.

Liquidated damages will be assessed when the number of working days specified in the work order letter is exceeded. The dollar amount specified in Special Provision “Schedule of

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Liquidated Damages” (000-1002) will be deducted for each working day that the work remains incomplete.

Mud that is tracked or dragged onto the roadway by work vehicles will be removed immediately.

Provide a Department approved Truck Mounted Attenuator (TMA) behind all equipment overhanging roadway travel lanes.

Trailer all slow moving vehicles (designed to operate 25 mph or less) crossing freeway main lanes.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Herbicide Application Record will be supplied by the Department.

Pick up Department furnished materials at the TxDOT Office located at 505 South IH45, Hutchins, Texas, 75141. Contact the above listed office 24 hr. in advance of picking up materials.

Furnish water free of industrial wastes and other objectionable matter.

Unless otherwise directed, use the following rates:

**Table 4**

Gallons of Water Per Acre	As calibrated in the presence of the Department's personal
Ounces of Outrider Per Acre	1.333
Ounces of Roundup-Pro Per Acre	8
Ounces of Escort (as directed by the Department)	0.5

**Item 7173 - Cleaning Guardrail, Attenuators and Associated Drainage Flumes:**

Begin physical work within 7 calendar days of each notification.

Do not use water or air to blow debris out from under or around the guardrail, attenuators, or flumes.

Remove debris beneath guardrail and to a minimum distance of 3 ft. behind the guardrail, where possible. If water will not drain, the distance will be increased until water will drain.

If Contractor fails to remove a minimum of 1,000 linear feet of material in a working day, liquidated damages will be assessed. The dollar amount specified in Special Provision "Schedule of Liquidated Damages" (000-1002) will be deducted for each working day that the minimum is not met. The amount will be assessed not as penalty, but as liquidated damages.

**Item 7185 - Broadcast Herbicide Application for Vegetation Control (Pavement Edges & Structures):**

Herbicide will be completed in increments known as a cycle. A cycle is defined as a group of herbicide tracts or areas that must be completed one time within the time period specified herein.

The limits for each roadway will be as shown on Location Sheet for Item 7185 in the plans and as directed.

**All equipment will be pressure washed prior to beginning work and before leaving the job site.**

Written notification will be issued to begin each herbicide cycle.

Written notification will contain the number of acres required for herbicide cycle, number of working days to complete the work, and date that time charges will commence. Number of working days will be determined based upon the minimum amount of herbicide required per working day. A fraction of a day will be rounded up to the next whole number.

Notify the Engineer at least 24 hr. before beginning any work.

Time charges will be suspended between herbicide cycles.

Required minimum shoulder mile per working day will be 60 shoulder miles for Item 7185, "Broadcast Herbicide Application for Vegetation Control (Pavement Edges & Structures)" herbicide. This production rate is used to determine the completion time for each cycle and will be used to adjust the allowable completion time period should herbicide areas be added to or removed from the cycle.

Liquidated damages will be assessed when the number of working days specified in the work order letter is exceeded. The dollar amount specified in Special Provision "Schedule of Liquidated Damages" (000-1002) will be deducted for each working day that the work remains incomplete.

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Mud that is tracked or dragged onto the roadway by work vehicles will be removed immediately.

Provide a Department approved Truck Mounted Attenuator (TMA) behind all equipment overhanging roadway travel lanes.

Trailer all slow moving vehicles (designed to operate 25 mph or less) crossing freeway main lanes.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Herbicide Application Record will be supplied by the Department.

Pick up Department furnished materials at the TxDOT Office located at 505 South IH45, Hutchins, Texas, 75141. Contact the above listed office 24 hr. in advance of picking up materials.

Furnish water free of industrial waste and other objectionable matter.

**Table 5**

Gallons of Water Per Acre	As calibrated in the presence of the Department's personal.
Ounces of Roundup-Pro Per Acre	128.00
Ounces of Oust Per Acre	2.0

**Item 7224 – Repair Cable Barrier System:**

Begin physical work within 24 hr. of each notification.

Furnish all materials.

Replacement parts will be the appropriate test level.

The Cass System TL-4 is on SH 114 from Tarrant Co. line to Colwell.

Re-tensioning will be done as directed.

Place a reflective delineator on every third post of the Cable System.